

### III.A. Centerline Cuts Checklist

C-R-S:	PID:	Reviewer:	Date:
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If you do not have a centerline cut on the project, you do not have to fill out this checklist.

<b>Soil Cuts</b>	
Y N X 1	Does drilling provide continuous stratigraphic sections for the range of elevations that represent proposed cut slope areas?
Y N X 2	Do the cut slopes have a minimum stability F.S. of 1.30 and are not steeper than 2:1?  Check stability calculation method used: <input type="checkbox"/> GSTABL7 or equivalent software <input type="checkbox"/> hand calculations
Y N X 3	If there is a "red bed" or other historically unstable soil or rock layer through the cut slopes, was this layer considered as a possible failure zone?
Y N X 4	Have erosion protection measures been addressed for backslopes, side slopes, and ditches (including riprap recommendations or special slope treatments)?
Y N X 5	Have issues related to any special usage of excavated soils been addressed?
Y N X 6	If the cut is not completely above the water table,  a Did the design consider the construction or long term ramifications of cutting below the water table?
Y N X 7	b Did the design consider additional drainage in the cut slope (springs / seeps) and roadway base?
<b>Rock Slopes</b>	
<i>For rockfall and additional design considerations, see the "Rockfall Corrections Checklist."</i>	
Y N X 7	Has the subsurface exploration adequately characterized the rock in accordance with the <u>Geotechnical Bulletin 3: Rock Cut Slope and Catchment Design (GB 3)</u> ?
Y N X 8	Have the slope angles, benching scheme, rockfall catchment design, and drainage controls been determined as prescribed in GB 3?
Y N X 9	In accordance with GB 3, are the rock cut slopes, benches, and catchment areas indicated on all appropriate cross-sections?

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Y N X 10	In accordance with GB 3, has the rockfall catchment software analysis output and the cost analysis comparing catchment configurations been provided?	
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Notes:

Stage 1: